CIVIL AIM CONSULTANTS & ENGINEERS
(Building Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

QC ABSTRACT

Nameof Work: "Construction of Additional Class rooms at Govt.Primary School at Ward No.01", BBMP,Bangalore.

Sl. No.	Item	Quantity As Per BOQ	Required No's of testes as per frequency	Actual No's of testes as per frequency	Testes Resuts
1	1:3:6	35.02 Cum	1	1	Pass
2	Steel	10.74 Tonne	1	1	Pass
3	M25	73.46 Cum	5	6	Pass
4	CC Blocks-4'	11.30 Sqm	1	1	Pass
5	CC Blocks-6'	36.72 Sqm	1	1	Pass
6	CC Blocks-8'	104.70 Sqm	1	1	Pass
7	Ceramic Tiles	58.84 Sqm	1	1	Pass
8	Stainless Steel	88.41Kgs	1	1	Pass

Cubes

0-5 Cum	1Set
6-15 Cum	2Set
16-30 Cum	3Set
31-50 Cum	4Set

Add 1set for extra 50Cum

A.E.E.

For CIVIL AIM CONSULTANTS AND ENGINEERS

Authorised Signatory

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Job No.: CACE/BBMP/TSK/W.No.01/2023-24

Date : 13.03.2024

TEST REPORT ON COARSE AGGREGATES

Client : Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.

Agency : Sri. T S Kothanda Raju(Prop. R K Constructions, Prop. Shree Charan Constructions), Contractor, Bangalore.

Name of Work : "Construction of Additional Class rooms at Govt.Primary School at Ward No.01", BBMP,Bangalore.

Date of Testing : 13.03.2024

IS Code : IS 383:2016

: IS 2386 (Part 1):1963(RA 2011)

Material : 40mm Aggregates

Total Wt. of Aggregates in gms **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
80	0	0	0	100	100
40	187	1.25	1.25	98.75	95-100
20	8143	54.29	55.53	44.47	30-70
10	3189	21.26	76.79	23.21	10-35
4.75	2915	19.43	96.23	3.77	0-5

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples collected at the site.
3. Any Query regarding the report must be reported within 30days from the date of testing.

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Job No:CACE/BBMP/TSK/W.No.01/2024-25

Date: 08.07.2024

TEST REPORT OF PHYSICAL PROPERTIES OF STAINLESS STEEL

CLIENT — **Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.**

AGENCY — **Sri. T S Kothanda Raju(Prop. R K Constructions, Prop. Shree Charan Constructions), Contractor, Bangalore.**

NAME OF THE WORK — "Construction of Additional Class rooms at Govt.Primary School at Ward No.01", BBMP,Bangalore.

SS Dia/Length: 50mm dia

Reference to BIS codes: IS 6911:1992
IS 1608:2005 Metallic Materials- Tensile Testing at Ambient Temperature

Date of test: 08.07.2024

Tensile Test:

Nominal size (dia in mm)	50mm	Limits as Per IS 6911 :1992
0.20 % proof stress/ yield stress (N/mm^2)	240	200 Min
Tensile strength (N/mm^2)	445	400 Min
Elongation, percent in Min in 50mm	45	40 Min

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Job No.: CACE/BBMP/TSK/W.No.01/2024-25

Date: 21.06.2024

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.**

Agency :**Sri. T S Kothanda Raju(Prop. R K Constructions, Prop. Shree Charan Constructions), Contractor, Bangalore.**

Name of the work : "Construction of Additional Class rooms at Govt.Primary School at Ward No.01", BBMP,Bangalore.

Sample ID : Cement Concrete for GF Roof slab

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	24.05.2024	21.06.2024	8.203	610.2	27.12
2	24.05.2024	21.06.2024	8.209	612.7	27.23
3	24.05.2024	21.06.2024	8.211	614.5	27.31

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